

work is yet to begin. Therefore, it is too early to give an estimate in this regard.

(c) Funds collected through the Initial Public offering (IPO) will be used by the Public Sector Undertakings for their business development and investment in expanding their areas of activities.

### **Revamp/modernization of units by NTPC**

497. SHRI B.J. PANDA:

MISS PRAMILA BOHIDAR:

Will the Minister of POWER be pleased to state:

(a) whether NTPC proposes to invest huge money to revamp/modernize their units to generate additional power during the 11th and 12th Five Year Plan period;

(b) if so, the details thereof;

(c) the details of modernizations, that are proposed to be effected in their units in Orissa; and

(d) how far this additional power would help bridge the gap between the demand and supply of power in the country?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) and (b) Renovation & Modernization (R&M) activities of Power Plants are invariably undertaken at the completion of 1 lakh and 2 lakh hours of operation as per policy guidelines of Central Electricity Authority (CEA). Accordingly, NTPC has already undertaken R&M activities of its various power stations and also plans to undertake R&M activities of its various power stations during 11th & 12th Five year plan which are as under:

#### **R&M activities during 11th Plan**

Stations	Type of Units	Total Number of Units	Total Capacity under R&M	Estimated Investment (Rs. Cr.)
Singrauli, Korba, Ramagundam, Badarpur, Dadri, Kahalgaon	Coal Based (200/210 MW)	21	4300 MW	2950

Stations	Type of Units	Total Number of Units	Total Capacity under R&M	Estimated Investment (Rs. Cr.)
Talcher Kaniha, Farakka	Copal Based (500 MW)	04	2000 MW	500
Auraiya, Dadri Gas, Kawas, Jhanor Gandhar, Faridabad	Gas Turbines	17	2075 MW	3066
<b>TOTAL:</b>		<b>42</b>	<b>8375 MW</b>	<b>6516</b>

**R&M activities during 12th Plan**

Stations	Type of Units	Total Number of Units	Total Capacity under R&M	Estimated Investment (Rs. Cr.)
Vindhyachal, Farakka, Unchahar Talcher Thermal	Coal Based (110/200/210 MW)	10	1870 MW	1520
Singrauli, Korba Ramagundam, Rihand, Vindhyachal	Copal Based (500 MW)	12	6000 MW	5250
Kayamkulam	Gas Turbines	02	230 MW	300
<b>TOTAL:</b>		<b>24</b>	<b>8100 MW</b>	<b>7070</b>

The above estimated investment is based on present cost estimate which works out to Rs. 0.25 Cr./MW for units undergoing R&M after 1 lakh hours of operation and Rs. 1.0 Crore/MW for units undergoing R&M after 2 lakh hours of operation.

(c) On taking over of Talcher Thermal Power Station from Orissa State Electricity Board (OSEB) in 1995, NTPC has undertaken R&M works at Talcher Thermal Power Station (460 MW) agreed between GRIDCO & NTPC. The Plant Load Factor of Talcher Thermal Power Station has improved and reached 80% plus. R&M works at Talcher Kaniha Stage-I (1000 MW) shall be taken up during Ninth Plan period. Further R&M works at Talcher Thermal Power Station shall be taken up during XII Plan period.

(d) R&M Programme in NTPC is planned to address obsolescence in technology, safety, environment & statutory requirements and to sustain

the high level of plant availability, performance and life extension of units, thus ensuring reliable supply of Power to the grid. This programme will sustain the present capacity by way of life extension.

### **Need for more Power Plants in the Capital**

498. SHRI VEDPRAKASH P. GOYAL: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that the Delhi High Court has asked Government that there is an urgent need of more power plants in the National Capital to resolve the power shortage problem and also for future needs;

(b) if so, the steps taken by Government in this regard; and

(c) the reasons for which Government are not paying any attention to solve the power crisis in the Capital?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) No, Sir.

(b) Doesn't arise.

(c) Electricity is a concurrent subject. Supply and distribution of electricity in a State/UT is in the purview of the State Government/State power utility concerned. The Government of India supplements the efforts of the State Government by establishing power plants in central sector through CPSUs. Being the National Capital Territory of the country, utmost attention is paid by the Government to ensure adequate power availability in Delhi.

Following measures have been taken/are being taken by Government to meet power shortages in Delhi.

- \* In addition to firm share, allocation of power from unallocated quota in CGSs in Northern Region (NR) has been made to Delhi on time slot basis according to demand pattern.
- \* Delhi would get additional power from following upcoming projects of Tehri HEP (4X250 MW), Dulhasti HEP (3 X130 MW) and Tala HEP (6X170 MW). While, two units of Tehri HEP have been commissioned, benefits from other units of aforesaid projects are likely to accrue in the current financial year.